

## BEST AVAILABLE COPY

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Identifier: Kwang-Jin PARK, et al.

### AMENDMENTS TO THE DRAWINGS:

Please find accompanying this response replacement sheets for Fig. 1 wherein amendments explained in the Remarks presented below are effected.

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**REMARKS**

The Examiner has provided various objections and rejections against the specification and claims based on informalities and substantive issues. Regarding the informalities, the Examiner has objected to Figure 1 for not being labeled "Prior Art." Applicant has amended the Figure to overcome the objection.

The drawings have been objected to because the Examiner asserts that the open/close unit and the rounds are not illustrated therein. However, the open/close unit is illustrated as element 122 in Figure 6 and the rounds are illustrated at elements 145a and 146a in the same figure. Accordingly, Applicant asserts that this objection is improper.

The disclosure has been objected to for reciting "hook hole" and "hook jaw". The disclosure has also been objected to for containing other terms which are not understood.

Regarding the hook hole, the element is disclosed on page 12 of the filed specification as element 15a, a structure disposed "between the piston spacer 14 and the first spacer 15" having a "slightly smaller diameter than the piston spacer 14". The hook hole is also disclosed as element 116 in relation to the second embodiment. The hook jaw is disclosed on the same page as element 17b, a structure disposed at the intersection of the piston spacer 14 and the cap hole 17 having a diameter that is "larger than the diameter of the piston spacer 14". The

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hook jaw is also disclosed as element 134 in relation to the second embodiment.

Based on the disclosed structures for the hook hole and jaw, Applicant has amended the specification so that "hook hole" is replaced with "transition opening". Furthermore, Applicant has amended the specification so that "hook jaw" is replaced with "transition step". Regarding the remainder of the objected subject matter, Applicant has amended the specification to overcome the objections.

Claims 1-3 have been rejected under 35 U.S.C. § 112, second paragraph, for reciting various terms which are not understood. Applicant asserts that the rejections under 35 U.S.C. § 112, second paragraph have been overcome by the incorporation of the above specification amendments into the claims. Specifically, Applicant has replaced "hook hole" and "hook jaw" as discussed, replaced "circumstance" with "circumference" and amended Claim 1, line 21 to recite "a piston, insertable through the female screw".

Regarding the substantive issues, Applicant expresses appreciation to that the Examiner for determining that claims 2 and 3 would be allowed if the rejections under section 112 are addressed. Accordingly, Applicant asserts that the amendments to claims 2 and 3 have placed the claims in a condition for allowance.

The Examiner has rejected Claim 1 under 35 U.S.C. § 102(b) as being anticipated by Chen (U.S. Patent No. 6,138,705). In reviewing Chen, the

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reference illustrates in Figure 4 and discloses in column 5, line 33, a piston 80 that is insertable into a main housing 60 through a stationary sleeve 70. The sleeve 70 is integral with a cap 90 and is removable with the cap 90 so that the piston, sleeve 70 and cap 90 can be easily cleaned. Accordingly, the piston 80 does not directly contact the main housing 60 and, therefore, the piston seal 71 does not move against the separation hole 63. Accordingly, to overcome the rejection under section 102(b), Applicant has amended Claim 1, line 24, to recite: a sealing moveable only within and against the separation hole. As the prior art fails to teach the scaling that is movable against the separation hole, the amended claim is patentable over the art. *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631 (Fed. Cir. 1987) ("a claim is anticipated only if each and every element as set forth in the claim" is found in the cited prior art reference).

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In light of the foregoing, the application is now believed to be in proper form for allowance of all claims and notice to that effect is earnestly solicited.

Respectfully submitted,  
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